Dean Nesbitt

CARLETON UNIVERSITY

CONVOCATION

for the

CONFERRING OF DEGREES

OTTAWA

FRIDAY, NOVEMBER 7, 1969

● The audience is requested to stand when the Academic Procession arrives, to remain standing until after the Invocation has been pronounced, and at the conclusion of the Convocation to remain until the Academic Procession has left.

Dean Ashbrook

DEAN RUPTASH:

Will the sponsor for the doctoral candidate in Chemistry please present him.

DR. PARRIS:

Mr. Dean, I am pleased to present Allan William Ashbrook, a Bachelor of Science of Carleton University, who has successfully completed his course of studies and research of some electron-transfer reactions.

DEAN RUPTASH:

Mr. Chancellor, I have the honour to present Mr. Ashbrook who has successfully completed his course of study prescribed by the Senate of this University for the degree of Doctor of Philosophy and I request that you confer this degree upon him.

CHANCELLOR:

By virtue of my authority, I grant the degree of Doctor of Philosophy to this candidate.

DEAN RUPTASH:

Will the sponsor for the doctoral candidate in Engineering please present him.

DR. PAGE:

Mr. Dean, I am pleased to present Walter J. Chudobiak, a Bachelor of Science (Engineering) of the University of Alberta and a Master of Engineering of Carleton University, who has successfully completed his course of studies and research in transistor circuit theory and design.

DEAN RUPTASH:

Mr. Chancellor, I have the honour to present Mr. Chudobiak who has successfully completed his course of study prescribed by the Senate of this University for the degree of Doctor of Philosophy and I request that you confer this degree upon him.

CHANCELLOR:

By virtue of my authority, I grant the degree of Doctor of Philosophy to this candidate.

DEAN RUPTASH:

Will the sponsor for the doctoral candidate in Political Science please present him.

DR. MACFARLANE

Mr. Dean, I am pleased to present P. K. Kuruvilla, a Bachelor of Arts of Kerala University, a Master of Arts of Poona University and a Master of Arts of Carleton University, who has successfully completed his course of studies and research in comparative public administration.

DEAN RUPTASH:

Mr. Chancellor, I have the honour to present Mr. Kuruvilla who has successfully completed his course of study prescribed by the Senate of this University for the degree of Doctor of Philosophy and I request that you confer this degree upon him.

CHANCELLOR:

By virtue of my authority, I grant the degree of Doctor of Philosophy to this candidate.

DEAN RUPTASH:

Will the sponsor for the doctoral candidate in Geology please present him.

DR. TUPPER:

Mr. Dean, I am pleased to present Muhammad Shafiqullah, a Bachelor of Science of the University of Dacca, a Master of Science of the University of Dacca, and a Master of Science of the University of Alberta, who has successfully completed his course of studies and research in geochronology and geochemistry.

DEAN RUPTASH:

Mr. Chancellor, I have the honour to present Mr. Shafiqullah who has successfully completed his course of study prescribed by the Senate of this University for the degree of Doctor of Philosophy and I request that you confer this degree upon him.

CHANCELLOR:

By virtue of my authority, I grant the degree of Doctor of Philosophy to this candidate.

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DEAN RUPTASH:

Will the sponsor for the doctoral candidate in Chemistry please present him.

DR. AMBERG:

Mr. Dean, I am pleased to present Terry Lee Slager, a Bachelor of Arts of Hope College and a Master of Arts of Wesleyan University, who has successfully completed his course of studies and research in surface chemistry and catalysis.

DEAN RUPTASH:

Mr. Chancellor, I have the honour to present Mr. Slager, who has successfully completed his course of study prescribed by the Senate of this University for the degree of Doctor of Philosophy and I request that you confer this degree upon him.

CHANCELLOR:

By virtue of my authority, I grant the degree of Doctor of Philosophy to this candidate.

DEAN RUPTASH:

Mr. Chancellor, the following doctoral candidates, who are unable to be with us today, have successfully completed the course of study set forth by the Senate of this University for the degree of Doctor of Philosophy, and I request that you confer this degree upon them in absentia.

DAVID KWAVNICK, of the Department of Political Science of the Faculty of Arts.

ARNOLD D. SHERMAN, of the Department of Psychology, of the Faculty of Arts.

CHANCELLOR:

By virtue of my authority, I grant the degree of Doctor of Philosophy in absentia to these candidates.

DEAN RUPTASH:

Will the candidates for the degrees of Master of Arts, Master of Science and Master of Engineering please come forward.

Mr. Chancellor, I have the honour to present these candidates who have successfully completed the course of study prescribed by the Senate of this University for the degrees of Master of Arts, Master of Science and Master of Engineering, and I request that you confer these degrees upon them.

I would also request that you confer the degrees in absentia upon those whose names will not be read but whose names appear on the list.

CHANCELLOR:

By virtue of my authority, I grant the appropriate degrees to these candidates.

DEAN RUPTASH:

The following candidate for the degree of Master of Social Work is unable to be present:

PETER GEORGE KIRCHNER, of the School of Social Work.

As he has successfully completed the course of study prescribed by the Senate of this University, I request that you confer the degree of Master of Social Work in absentia.

CHANCELLOR:

By virtue of my authority, I admit this candidate to the degree of Master of Social Work in absentia.

DEAN MERRILL:

Will the candidates for the degree of Bachelor of Arts please come forward.

Mr. Chancellor, I have the honour to present those candidates who have successfully completed the course of study prescribed by the Senate of this University for the degree of Bachelor of Arts, and I request that you admit them to this degree.

I would also request that you admit to the degree of Bachelor of Arts in absentia those whose names will not be read but whose names appear on the list.

CHANCELLOR:

I admit these candidates to the degree of Bachelor of Arts.

DEAN KELLY:

Will the candidates for the degree of Bachelor of Arts in the St. Patrick's College division of the Faculty of Arts please come forward.

Mr. Chancellor, I have the honour to present those candidates who have successfully completed the course of study prescribed by the Senate of this University for the degree of Bachelor of Arts and I request that you admit them to this degree. I would also request that you admit to the degree of Bachelor of Arts in absentia those whose names will not be read but whose names appear on the list.

CHANCELLOR:

I admit these candidates to the degree of Bachelor of Arts.

DEAN NESBITT:

Will the candidates for the degree of Bachelor of Science please come forward.

Mr. Chancellor, I have the honour to present those candidates who have successfully completed the course of study prescribed by the Senate of this University for the degree of Bachelor of Science, and I request that you admit them to this degree.

I would also request that you admit to the degree of Bachelor of Science in absentia those whose names will not be read but whose names appear on the list.

CHANCELLOR:

I admit these candidates to the degree of Bachelor of Science.

DEAN MERRILL:

Will the candidates for the degree of Bachelor of Commerce please come forward.

Mr. Chancellor, I have the honour to present those candidates who have successfully completed the course of study prescribed by the Senate of this University for the degree of Bachelor of Commerce, and I request that you admit them to this degree. I would also request that you admit to the degree of Bachelor of Commerce in absentia those whose names will not be read but whose names appear on the list.

CHANCELLOR:

I admit these candidates to the degree of Bachelor of Commerce.

DEAN KELLEY:

Will the candidates for the degree of Bachelor of Commerce in the St. Patrick's College division of the Faculty of Arts please come forward.
Mr. Chancellor, I have the honour to present those candidates who have successfully completed the course of study prescribed by the Senate of this University for the degree of Bachelor of Commerce and I request that you admit them to this degree.
I would also request that you admit to the degree of Bachelor of Commerce in absentia those whose names will not be read but whose names appear on the list.

CHANCELLOR:

I admit these candidates to the degree of Bachelor of Commerce.

DEAN MERRILL:

Will the candidates for the degree of Bachelor of Journalism please come forward.

Mr. Chancellor, I have the honour to present those candidates who have successfully completed the course of study prescribed by the Senate of this University for the degree of Bachelor of Journalism, and I request that you admit them to this degree. I would also request that you admit to the degree of Bachelor of Journalism in absentia those whose names will not be read but whose names appear on the list.

CHANCELLOR:

I admit these candidates to the degree of Bachelor of Journalism.

DEAN GEORGE:

Will the candidates for the degree of Bachelor of Engineering please come forward.

Mr. Chancellor, I have the honour to present those candidates who have successfully completed the course of study prescribed by the Senate of this University for the degree of Bachelor of Engineering, and I request that you admit them to this degree. I would also request that you admit to the degree of Bachelor of Engineering in absentia those whose names will not be read but whose names appear on the list.

CHANCELLOR:

I admit these candidates to the degree of Bachelor of Engineering.

DR. MACFARLANE:

Will the candidates for the Graduate Diploma in Public Administration please come forward. Mr. Chancellor, I have the honour to present those candidates who have successfully completed the course of study prescribed by the Senate of this University for the Graduate Diploma in Public Administration.

I would also request that you grant the Graduate Diploma in Public Administration in absentia to those whose names will not be read but whose names appear on the list.

CHANCELLOR:

I am pleased to receive those students who have successfully completed this course of study.

DR. MACFARLANE:

Mr. Chancellor, I have the honour to publish the names of those candidates who have successfully completed the course of study prescribed by the Senate of this University for the Certificate in Public Service Studies.

(READ LIST)

ORDER OF PROCEEDINGS

Chancellor LESTER BOWLES PEARSON, P.C., C.C., O.B.E., M.A., LL.D., presiding

INTRODUCTORY MUSIC

PROCESSIONAL MUSIC: Processional Improvisation

John Churchill, B.Mus. London, F.R.C.O., G.R.S.M., L.R.A.M., A.R.C.M., Associate Professor of Music, Carleton University

CHANCELLOR'S FANFARE ..... Robert Fleming, L.R.S.M., London, Director of Music, National Film Board of Canada, Lecturer, Department of Music, Carleton University

O CANADA

INVOCATION

Robert E. Osborne, B.A., B.D., S.T.M., Ph.D., Associate Professor of Religion

ADDRESS OF THE PRESIDENT AND VICE-CHANCELLOR

A. D. Dunton, LL.D., D.Sc.

CONFERRING OF DEGREES BY EXAMINATION

AWARDING OF THE MEDAL

By the President and Vice-Chancellor

CONFERRING OF THE DEGREE OF DOCTOR OF LAWS, *honoris causa*, upon

Frederick J. Alcock, B.A., Ph.D., F.R.S.C., F.R.G.S.
John E. Robbins, B.A., Ph.D., LL.D., D.Sc.Soc., F.R.S.S.

CONVOCATION ADDRESS

John E. Robbins

RECESSIONAL MUSIC

●—The President's Reception for participants and their friends will be held after the Convocation in the New University Commons Building.

RECIPIENTS OF DEGREES

DOCTOR OF PHILOSOPHY

Presented by Professor John Ruptash, Dean of the Faculty of Graduate Studies

ALLAN W. ASHBROOK ..... Ottawa ..... Chemistry
B.Sc. (Carleton)
"Benzylpentaaquochromium (III) — Chromium (II) Exchange, and the Reduction of Some Benzyl Compounds by Chromium (II)".
Supervisor: M. Parris

WALTER J. CHUDOBIAK ..... Gleichen, Alta ..... Engineering
B.Sc. (Eng.) (Alberta)
M.Eng. (Carleton)
"The Limitations of the Transistor as a High-Speed Power Switch with Special Reference to Tuned Class-D Amplifiers".
Supervisor: D. F. Page

P. K. KURUVILLA ..... Parappallychira, India ..... Political Science
B.A. (Kerala)
M.A. (Poona)
M.A. (Carleton)
"A Comparative Study of Recruitment and Training of the Higher Federal Civil Service in Canada and India".
Supervisor: R. O. MacFarlane

DAVID KWAVNICK ..... Montreal, Que. ..... Political Science
B.A. (McGill)
M.A. (Carleton)
"Organized labour and government: The Canadian Labour Congress as a political interest group during the Diefenbaker and Pearson administration".
Supervisor: K. Z. Paltiel

MUHAMMAD SHAFIQULLAH ..... Dacca, Pakistan ..... Geology
M.Sc. (Alberta)
"Diffusion Characteristics of Argon in Nepheline and the K-Ar Geochronology of the Oka Carbonatite Complex".
Supervisor: W. M. Tupper

TERRY LEE SLAGER ..... Edwardsburg, Mich. ..... Chemistry
B.A. (Hope College)
M.A. (Wesleyan)
"Infrared Studies of the Adsorption of Some Sulfur Compounds by Alumina Supported Molybdenum Sulfide".
Supervisor: C. H. Amberg

ARNOLD D. SHERMAN ..... Washington, D.C. ..... Psychology
M.A. (Hofstra)
"Energy and Intermediary Metabolism during Avoidance Learning".
Supervisor: A. J. Ray

MASTER OF ARTS

Presented by Professor John Ruptash, Dean of the Faculty of Graduate Studies

KRISHNA BANERJEE ..... Calcutta, India ..... Philosophy
B.A. (Calcutta)
M.A. (Calcutta)
"Kant and Hume on Causation: Some Problems in the Interpretation of the Second Analogy".

NIPA BANERJEE ..... Calcutta, India ..... International Affairs
B.A. (Calcutta)
M.A. (McMaster)
"India's Policy of Neutralism and Non Alignment."

WILLIAM BARNES ..... Hampton, Virginia ..... Psychology
B.S. (Old Dominion College)
"Acquisition and Extinction of an Instrumental Response as a Function of Sucrose Concentration and Number of Reinforced Trials."

ALEXANDRA ANNE BARRATT ..... Slough, England ..... English
B.A. (Cantab.)
"Fifteenth-Century Lyrics on the Passion and their Reading Public".

STEPHEN ALAN BIGSBY ..... Victoria, B.C. ..... Canadian Studies
B.A. (Victoria)
"A Political Analysis of the Confederation of National Trade Unions".

ANDREW C. BIRKENMAYER ..... Ottawa ..... Psychology
B.A. (Carleton)
"The Effects of Auditory and Verbal Presentation on Learning and Transfer".

GLORIA BRUMER ..... Ottawa ..... English
B.A. (McGill)
"The Drama of Selfhood in the novels of D. H. Lawrence".

DONALD E. BURTON ..... Ottawa ..... English
B.A. (Carleton)
"The Minstrelsy of Robert Louis Stevenson".

TERRANCE GEORGE CARROLL ..... Montreal, Que. ..... Political Science
B.A. (Manitoba)
"Comparative Analysis: The Concept of Political Stability".

LORELEI CEDERSTROM ..... Manotick, Ont. ..... English
B.A. (Valparaiso)
"Some Contemporary Aspects of Walt Whitman's Poetic Method".

FAWZIA Y. CHINWALA ..... Bombay, India ..... French
B.A. (Elphenstone)
Degree by course work.

SILVERIO CHIMUKA ..... Lusaka, Zambia ..... Public Administration
B.A. (South Africa)
D.P.A. (Carleton)
Degree by course work.

EDWARD H. DAHL ..... Ottawa ..... History
B.A. (British Columbia)
Degree by course work.

SONYA DAKERS ..... Ottawa ..... Public Administration
B.A. (McGill)
Degree by course work.

FRANCOIS DE MARTIGNY ..... Hull, Que. ..... French
B.A. (Ottawa)
Degree by course work.

ANTONIO DE SAINT-JEAN ..... Ottawa ..... French
B.A. (Ottawa)
Degree by course work.

DANIEL T. DOYLE ..... St. Peter's, N.S. ..... English
B.Sc. (St. Francis Xavier)
"Katharine Anne Porter: The Quest for Love and Identity".

DAVID H. DOUGLAS ..... Ottawa ..... Geography
B.A. (Royal Military College)
"The Illustration of Regional Disparities in North America by the use of the Gravity Model".

JEAN-MARCEL DUCIAUME ..... Kingston, Ont. ..... French
B.A. (Ottawa)
Degree by course work.

GARRY L. FAIRBAIRN ..... Saskatoon, Sask. ..... History
B.A. (Carleton)
"British Ambassadors in Berlin, 1920-1939: The Diplomat as a Source of Information for the Formulation of British Policy Toward Germany".

ROBIN FRASER ..... Lachute, Que. ..... French
B.A. (Carleton)
Degree by course work.

JEAN-PIERRE GAGNON ..... Quebec, Que. ..... History
L.esL. (Laval)
Degree by course work.

ELIZABETH M. GRYGER ..... Montreal, Que. ..... International Affairs
B.A. (Toronto)
"South West Africa in the United Nations".

SLIMAN HENCHIRI ..... Ottawa ..... French
B.A. (Aix-Marseille)
Degree by course work.

SUSAN HENDRY ..... Ottawa ..... Spanish
B.A. (Carleton)
Degree by course work.

Angelika Hodonsky B.A. (McMaster)	Brampton, Ont.	French	Degree by course work.
John G. Holmes B.A. (Carleton)	Ottawa	Psychology	"The Effects of Level of Aspiration and Resistance Point on Bargaining Behavior—An Exploratory Study".
Peter Robert Houliston B.A. (Royal Military College)	Ottawa	International Affairs	Degree by course work.
Kenneth Hranchuk B.Sc. (North Dakota State)	Regina, Sask.	Psychology	"Hawk-Goose Phenomenon: Species and Aerial Experience Differences".
Scott R. E. Johnston B.A. (York)	Ottawa	Geography	"Recreational Boating on the Rideau Waterway".
Thomas Wilfred Joseph B.Sc. (George Williams College, Chicago)	Port Arthur, Ont.	Political Science	"Canada's China Policy 1949-1966".
Stephen John Lazier B.A. (Carleton)	Dundas, Ont.	Psychology	"The Effects of Fixed-Interval Schedules of Reinforcement on the Free-Operant Behavior of Preschool Children".
Murrin Leim B.A. (Western Ontario)	Tillsonburg, Ont.	Psychology	"The Effects of Response Method and Event Schedule on Children's Probability Learning at Two Age Levels".
John Blair Mackenzie B.A. (Bishop's)	Comeau, Que.	Canadian Studies	Degree by course work.
James A. McAllister B.A. (Brandon College)	Brandon, Man.	Political Science	Degree by course work.
Norman McLeod B.A. (Saskatchewan)	Fort Qu'Appelle, Sask	French	Degree by course work.
Godfreid Mortty B.Sc. (London) D.P.A. (Carleton)	Accra, Ghana	Public Administration	"Management-Labour Relations in the Canadian Post Office Department".
Buzwani D. Mothobi B.A. (Rhodesia)	Bulawayo, Southern Rhodesia	International Affairs	Degree by course work.
Hugh J. Mullington B.Comm. (Carleton) D.P.A. (Carleton)	Ottawa	Public Administration	"The Federal Government as an Entrepreneur—The Canadian Experience".
James Gibson Murray B.A. (McMaster)	Ottawa	Political Science	"The Efficacy of Step-Level Analysis and Small-group Experiments in International Relations Theory: An Isomorphic Approach to the Reduction of Intergroup Hostility".
Dennis A. Niemi B.A. (Victoria)	Ottawa	English	"The Author in the Theatre: W. S. Gilbert as Stage Director".
John Charles Patton B.A. (Queen's)	Ottawa	International Affairs	Degree by course work.
David William Pierce B.A. (Carleton)	Ottawa	International Affairs	Degree by course work.
Roma M. Reid B.A. (Carleton)	Ottawa	Psychology	"Test Performance and Risk Acceptance as a Function of Item Difficulty and Guessing Penalty: A Motivational Interpretation".
Barbara Riley B.A. (Toronto)	Ottawa	Canadian Studies	Degree by course work.

Martin Samuels B.A. (Carleton)	Regina, Sask.	French	Degree by course work.
John Charles Scoffield B.A. (Waterloo Lutheran)	Port Arthur, Ont.	English	"The Monk in Chaucer's Canterbury Tales".
Claude Robert Searle B.A. (McMaster)	Ottawa	French	Degree by course work.
Sally Anne Sellick B.A. (Oxford)	Enfield, England	English	"Chaucer's Troilus and Criseyde: A Study of Pandarus as a Master of Deceptive Eloquence".
Eric B. Shackleton B.A. (Carleton)	Bowmanville, Ont.	International Affairs	"The Middle East Crisis: A Case Study in Conflict".
Phyllis M. Sherrin B.A. (Toronto)	Vancouver, B.C.	History	"Elements of Nationalism in L'Action nationale 1933-1939".
Brian Andrew Smith B.A. (Victoria)	Victoria, B.C.	History	Degree by course work.
Gary Peter Smith B.A. (Western Ontario)	Dutton, Ont.	Canadian Studies	"Soundings in the Development of Political Perception in Canadian Children".
William Stone B.A. (Dublin)	Dublin, Ireland	French	Degree by course work.
Theodore L. Swanson B.A. (British Columbia)	Vancouver, B.C.	International Affairs	"The Significance of Alliance for Progress in Chilean Social Mobilization and Economic Development".
Duncan Duane Thomson B.A. (British Columbia)	Oyoma, B.C.	International Affairs	Degree by course work.
William van Staalduinen B.A. (McMaster)	Ottawa	Public Administration	"Licensing in the Canadian Medical Profession".
Omar Sheriffe Vernon-El-Halawani B.A. (Sir George Williams)	Alexandria, Egypt	International Affairs	Degree by course work.
Michael Vranesh B.A. (Carleton)	Ottawa	International Affairs	Degree by course work.
Barbara Wake B.A. (Manitoba)	Ottawa	Public Administration	"Regional Air Pollution Control: A Proposed Programme".
Robert G. Watters B.A. (Carleton)	Ottawa	Psychology	"Children's Response Speeds to a Familiarized Stimulus From a Visual-Spacial Dimension".
Lloyd Paul Williamson B.A. (Victoria)	Quebec, Que.	Canadian Studies	"The Image of Indians, French Canadians and Americans in Authorized Ontario High School Textbooks: 1890-1930".
Bernard McCarthy Wood B.A. (Loyola)	Ottawa	International Affairs	Degree by course work.
Margaret E. Yeo B.A. (Carleton)	Ottawa	English	"The Living Landscape: Nature Imagery in the Poetry of Margaret Atwood and Other Modern Canadian Lyric Poets".
Peter Yurkiw B.A. (York)	Kingston, Ont.	History	Degree by course work.

MASTER OF SCIENCE

Presented by Professor John Ruptash, Dean of the Faculty of Graduate Studies

TZONG TZYY CHEN ..... Taiwan ..... Geology
B.Sc. (Taiwan University)
"Cell Parameters, Optical Properties and Chemical Composition in some Natural Sodic Amphiboles".

DEREK STANLEY COTTERILL ..... East Aylmer, Que. ..... Mathematics
B.Sc. (Carleton)
Degree by course work.

ROYCE GARY FULCHER ..... Brandon, Man. ..... Biology
B.Sc. (Carleton)
"Laboratory culture and regeneration of *Fucus vesiculosus* L".

MARY ELIZABETH GIBSON ..... Ottawa ..... Mathematics
B.Sc. (Carleton)
"Axiomatic Foundations of Homology Theory"

TUNG-WU LIANG ..... Hong Kong ..... Chemistry
B.Sc. (Taiwan Provincial Chung-Hsing)
"Kinetic Studies of Malate Dehydrogenase from Escherichia coli".

TOA-NING NG ..... Hong Kong ..... Chemistry
B.Sc. (Chung Chi College)
"Interpretation of Part of the Phonon Raman Spectra of Terbium Aluminium Garnet".

EDMUND ARTHUR SEMMENS ..... Victoria, B.C. ..... Mathematics
B.A. (Carleton)
"A Study of Single Product Dynamic Inventory Models with Zero Lag Time".

THOMAS ANDREW WILLOCK ..... Edwards, Ont. ..... Biology
B.Sc. (Alberta)
"The ecology and zoogeography of fishes in the Missouri (Milk River) drainage of Alberta".

HARRY BANFIELD YOUNGHUSBAND ..... Ottawa ..... Biology
B.Sc. (Carleton)
"Some aspects of the replication of Tipula iridescent virus in Galleria mellonella hemocytes".

MASTER OF ENGINEERING

Presented by Professor John Ruptash, Dean of the Faculty of Graduate Studies

JAMES PETER BALLANTYNE ..... Ottawa ..... Materials Engineering
B.Eng. (Carleton)
"Electron Beam Melting as Purification Technique".

YOGESH CHANDRA ..... Ottawa ..... Electrical Engineering
B.Sc. (Eng.) (Birla Inst. of Tech.)
"Maximization of Performance of the Hysteresis Machine".

MOHAMMAD MUTAH GHAMIAN ..... Damascus, Syria ..... Civil Engineering
B.Sc. (Eng.) (Damascus)
"Moment — Thrust — Curvature Relationships for Wide Flange Sections without Inelastic Stress Reversal".

ANANT VISHNU GHATAGE ..... Ottawa ..... Electrical Engineering
B.Eng. (University College of Engineering, Bangalore)
"Study of an Adaptive Method of Controlling Blood Glucose Concentration".

DAVID JOHN HARRISON ..... Ottawa ..... Electrical Engineering
B.Eng. (Carleton)
"Adaptive Equalization for Channels with Crosstalk"

JOHN CHARLES MACDONALD ..... Sydney, Nova Scotia .... Electrical Engineering
B.Eng. (Nova Scotia Technical College)
"An Automatic Control System for the Regulation of Human Blood Glucose Concentration within Specified Limits"

Ramesh Madhav Sirsi B.Eng. (Bangalore University)	Ottawa	Electrical Engineering	"Physical Modelling of Double Diffused Transistors".
Reid Garfield Smith B.Eng. (Carleton)	Toronto, Ont.	Electrical Engineering	"The Fast Fourier Transform and the Small Computer".
Surendra Mohan Verma B.Eng. (Indian Institute of Science, Bangalore)	Ottawa	Electrical Engineering	"Optimization Techniques in Digital and Hybrid Modelling".
David Alfred Vincent B.Sc.(Eng.) (New Brunswick)	St. John, N.B.	Electrical Engineering	"An Integrated SCR".

MASTER OF SOCIAL WORK

Presented by Professor John Ruptash, Dean of the Faculty of Graduate Studies

Peter George Kirchner ..... Toronto, Ont.
B.S. (Washington State)

BACHELOR OF ARTS (with Honours)

Presented by Professor G. C. Merrill, Dean of the Faculty of Arts

Barry Michael Ages	Ottawa	(High Second Class Honours in Political Science and Sociology)
Shahid Akhtar	Saudi Arabia	(Second Class Honours in Political Science)
Michael Bankay	Georgetown, Guyana	(High Second Class Honours in English)
William Harold Bruce Brittain	Ottawa	(High Second Class Honours in Economics)
Brenda Constance Bruce	Ottawa	(Second Class Honours in Political Science)
Michael Brykert	Ottawa	(Second Class Honours in Sociology)
Roger William Button	Ottawa	(Second Class Honours in History and Political Science)
Rickland Anthony Ronald Carleton	Gatineau, Que.	(Second Class Honours in History)
Alexander Edward Cushon	Oxbow, Sask.	(Second Class Honours in Political Science)
Hatto Tillo Artur Fischer	Ottawa	(Second Class Honours in Economics and Political Science)
Norm A. Greenberg	Ottawa	(Second Class Honours in Psychology)
Jacqueline Yvonne Harvie	Calgary, Alta.	(Second Class Honours in French)
Linda Gaye Hawley	Jasper, Ont.	(First Class Honours in French)
Barbara Hehner	Ottawa	(First Class Honours in English)
David John Ernest Horton	Ottawa	(First Class Honours in English)
James Gavin Scanlen Howie	Ottawa	(Second Class Honours in History)
Alan John Kirby	London, Ont.	(High Second Class Honours in Political Science)
Michael Ian MacKay	Ottawa	(First Class Honours in English and German)
Patrick Edward McDonnell	North Bay, Ont.	(Second Class Honours in Political Science)
Hilary Anne McFarlane	Kingston, Jamaica	(High Second Class Honours in History)
Peter Edward McRae	Ottawa	(High Second Class Honours in Political Science)
Robert Paul Murphy	Ottawa	(Second Class Honours in English)
John Paul David Nash	Ottawa	(Second Class Honours in English)
Norman Paquin	Ottawa	(Third Class Honours in Political Science)
John Salvator Piamonte	Ottawa	(High Second Class Honours in Psychology)
Susan Jessie Russell	Pointe Claire, Que.	(High Second Class Honours in Sociology)
Judith Claire Stevenson	Ottawa	(First Class Honours in Sociology)
Kirsten Trempenau	Ottawa	(High Second Class Honours in Sociology)
Dorienne Annette Wilson	Ottawa	(Second Class Honours in English)

BACHELOR OF ARTS

Presented by Professor A. T. Tolley, Associate Dean of the Faculty of Arts

David Francis Abbey ..... Ottawa
Alison Brenda Mary Addison ..... Ottawa
Barry Gordon Allmark ..... Ottawa
Gordon Allingham ..... Ottawa
Lorne Westly Anderson ..... Ottawa
Catherine Anne Andrews ..... Ottawa
Thomas Randal Archer .... Chesterville, Ont.
Evelyn Louise Armstrong ..... Ottawa
Frederick Ross Armstrong ..... Ottawa
Brigitta H. Arnoti ..... Ottawa
Douglas Herbert Waugh Bailey
Don Mills, Ont.
John Jack Baylin ..... Ottawa
Denis Jacques Blais ..... Sudbury, Ont.
Richard Stanley Blakeney ..... Ottawa
Ivan Alvan Bradshaw ..... Barbados, W.I.
Jane Ann Breadner ..... Ottawa
Peter Laurence Brekelmans ..... Ottawa
Donald Michael Brown ..... Hazeldean, Ont.
Dulcie Kenna Brown .. Sault Ste. Marie, Ont.
Ian Robert Buchanan ..... Ottawa
Diane Lynne Campbell ..... Smiths Falls
Ronald James Capell ..... Hazeldean, Ont.
Gordon Ross Cardwell ..... Ajax, Ont.
Keith William Caverly .... Elliot Lake, Ont.
James Cavers ..... Ottawa
Maria Chan ..... Kowloon, Hong Kong
Drew Wood Chatterton ..... Victoria, B.C.
Sandra Patricia Yvonne Cockfield ... Ottawa
William Lawrence Code ..... Ottawa
Suzette Couture ..... Ottawa
Barbara Anne Craig ..... Ottawa
Robert Irvine Currie ..... Ottawa
Gordon Joseph Cuzner ..... Ottawa
Linda Ruth Dale ..... Rexdale, Ont.
Bruce Malcolm Davey ..... Ottawa
Charles Geoffrey Huntley Davidson..Ottawa
Caroline Jane Deeble
Valley Stream, New York
Donna Myrle Delroy ..... Ottawa
Brian David Driver ..... Beaconsfield, Que.
Anita Catherine Lloyd Dunlop ..... Ottawa
Clayton William Elderkin .. King City, Ont.
Terence Elworthy ..... Ottawa
Bruce Frederick Ennis ..... Ottawa
John Michael Evans ..... Hazeldean, Ont.
James Harry Ferguson ..... Renfrew, Ont.
David Arthur Field ..... Prescott, Ont.
Anne-Marie Foote ..... Ottawa
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Douglas Edwin Fyfe ..... Ottawa
Isobel Anne Gfeller ..... Ottawa
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Michael John Goble ..... Ottawa
Sheila Diane Goodine ..... Ottawa
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Judith Kathleen Goodwin.St. Catharines, Ont.
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Barbara Jane Grisdale ..... Toronto
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Murray Stuart Hawley ..... Kanata, Ont.
Paul Joseph Michael Heenan .. Toronto, Ont.
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Paul Higgins ..... Sturgeon Falls, Ont.
Hugo Hoogenraad ..... Brockville, Ont.
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Keith Edwin Jones ..... Ottawa
Sandra Jean Jones ..... Ottawa
Mirko Michael Kadlec ..... Ottawa
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Margery Linda Kerr ..... Belleville, Ont.
George Grey Kirke ..... Ottawa
Mercedes Germaine Klein ..... Ottawa
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John Stephen Lafontaine ..... Ottawa
Richard Harvey Lalande .... Hazeldean, Ont.
Jerry Laurence Lampert ..... Ottawa
Thomas Wilson Lloyd ..... Ottawa
Ian Duncan MacAllister ..... Ottawa
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Mary Jane Marshall ..... Ottawa
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Elizabeth Ann McCracken ..... Ottawa
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George Chapman McNeely .. Port Credit, Ont.
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Audrey Elizabeth Nesbitt ..... Ottawa
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Patricia Jean Officer ..... St. Bruno, Que.

Edward Roland Owen ..... Ottawa
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Margery Ann Secord ..... Cornwall, Ont.
Jampong Seliong ..... Sarawak, Malaysia
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Carolyn Elizabeth Sinclair ..... Ottawa
Carol Ann Smith ..... Ottawa
Carole Ann St. Germain ..... Hull, Que.
Wayne Garfield Swanson ..... Ottawa
B.Ed. (Alberta)
Fred S. Tabachnick ..... Ottawa
Jean Phillip Tanguay ..... Ottawa
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F. Timothy Turner ..... Ottawa
John Steven Turner ..... Ottawa
John Boyd William Villeneuve . Lachute, Que.
Mircea Reginald Vlad ..... Iroquois, Ont.
George Thornton Wallace .... Montreal, Que.
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Lynne Marie Westbrook ..... Ottawa
Francis Ngepmenye Wete..Yaounde, Cameroon
B.J. (Carleton)
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David Vincent Wiggins ..... Winnipeg, Man.
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Kathleen Agnes Wilson ..... Ottawa
Elizabeth Kathleen Wilson ..... Ottawa
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John David Anthony Berigan ..... Ottawa
Linda Diane Best ..... Ottawa
Edward Frank Briglio
Sault Ste. Marie, Ont.
Catherine Anne Burchell ..... Ottawa
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Mimi Edith Capbert ..... Ottawa
Leah Mary Cassidy ..... Bell's Corners, Ont.
Marie Antoinette Chene ..... Ottawa
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Joseph Frank Dologh ..... Ottawa
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Haytheline Helen Agatha Dublin
St. John's, Antigua
Peter Michael Dunlop .... Buckingham, Que.
William James Foley ..... Ottawa
Paul Victor Fortier ..... Ottawa
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Charles Gilmore Gaudaur .... Oshawa, Ont.
Sister Mary Lenore Anne Gibb
Dominican Republic
Brian Franklin Graff ..... Ottawa
David Wilfrid Hahn ..... Ottawa
Stanley Joseph Humenny ..... Toronto, Ont.
Harold Allan Kennedy ..... Ottawa
Katherine Marie Keon ..... Chatham, Ont.
John Michael Kiefl ..... Ottawa
Armand Wilfred Lapointe.Ville Lemoyne, Que.
Barbara Juanita Leblanc ..... Ottawa
James Robert Leroux ..... Ottawa
Inez Patricia Mackinnon ..... Ottawa
James Paul Cassidy McArthur.Richmond, Ont.
Una McCord ..... South March, Ont.
Viviane Therese Marion .. Fort Coulonge, Que.
Patricia Anne Regina Mulvihill ..... Ottawa
John William Nuyens ..... Ottawa
Patrick Wilfred O'Hara ..... Ottawa
Douglas Newman Robinson
Petaluma, California
Ana Teresa Rodrigues ..... Ottawa
Mary Margaret Rooney ..... Ottawa
Joseph Lloyd Rozon ..... Williamstown, Ont.
Roger Perrin Shaw ..... Osgoode, Ont.
Andrew Stocks ..... Ottawa
Robert Wakefield ..... Hull, Que.
June Patricia Windish ..... Ottawa
Robert Nicholas Zolumoff .. Willowdale, Ont.

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Presented by Professor H. H. J. Nesbitt, Dean of the Faculty of Science

NATHALIE MARIE CHALY ..... Ottawa ..... (Second Class Honours in Biology)
JOHN ARTHUR FRASER ..... Burlington, Ont. ..... (First Class Honours in Chemistry)
MERRILL S. GOLDENBERG ..... Ottawa ..... (Second Class Honours in Chemistry)
BETTY CHI FONG HO ..... Hong Kong ..... (Second Class Honours in Biology)
MARTIN EDWARD KING ..... Ottawa ..... (Second Class Honours in Physics)
JOHN FRANK KINGSTON ..... Ottawa ..... (First Class Honours in Chemistry)
KEITH DICKSON PHINNEY ..... Ottawa ..... (High Second Class Honours in Chemistry)
RONALD REINIER VANDEBEEK ..... Ottawa ..... (High Second Class Honours in Chemistry)

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ALLEN NORDENSTIERNA CLARK ..... Ottawa
MICHAEL ALLAN CLEMENT ..... Ottawa
EDGAR EGAN ..... Vanier City, Ont.
MARVIN JOHN ALLWRIGHT GUILE
BRIAN JAMES HACHE ..... Ottawa
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SCOTT WILLIAM HAWKINS ..... Ottawa
WILLIAM CURRIE HUNT ..... Ottawa
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LYNNE CHERYL KIELY ..... Geneva, Illinois
UNO LEIS ..... Vancouver, B.C.
JUNE LOWE ..... Tillsonburg, Ont.
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MURIEL JEANNE RIGBY ..... Ottawa
ANDREW MCCULLY SMITH ..... Ottawa
*with distinction
ARTHUR WILLIAM TASSIE ..... Ottawa
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BACHELOR OF COMMERCE

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IAIN TEESDALE DEANE ..... Ottawa
BRUCE CARLOS MITCHELL ..... Ottawa
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BALWANT KUMAR BHANEJA ..... Ottawa
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LYNNE PATRICIA ALLEN CARLISLE .. Weston, Ont.
CAROL LYNE COOPER ..... Brooks, Alta.
LESLIE EVELYN EMPRINGHAM ..... Ottawa
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B.A. (St. Patrick's)
MICHAEL JOHN HUGHES .. North Vancouver, B.C.
MARIE JANE MUDRY ..... Vancouver, B.C.
B.A. (Alberta)
PETER MICHAEL SERAFINI ..... Ottawa
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B.Sc. (Carleton)

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Presented by Professor R. O. MacFarlane, Director of the School of Public Administration

Diploma in Public Administration

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Boon-Piah Loh, B.A. (Nanyang) ..... Singapore
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Gregory F. Smith, B.A. (Carleton) ..... Ottawa
Russell David Smith, B.A. (York) ..... Toronto, Ont.
Fergus M. Thompson, B.A. (St. Patrick's) ..... Kingston, Jamaica
Ronald Jas. Wolchuk, B.A. (Carleton) ..... Ottawa

Certificate in Public Service Studies

Garnet E. Bruce ..... Ottawa
Gordon E. Charles ..... Ottawa
Patrick J. Monnelly ..... Ottawa

●MEDALLIST IN THE GRADUATING CLASS

University Senate Medal for Outstanding Academic Achievement ..... Barbara Hehner

● Assisting the Chancellor at Convocation will be:

J. I. Jackson, B.A., M.F.A., Registrar, Robert E. Osborne, B.A., B.D., S.T.M., Ph.D., Associate Professor of Religion, John M. Morton, M.Sc., M.A., Ph.D., F.C.I.C., Professor of Chemistry, T. W. Betz, M.A., Ph.D., Assistant Professor of Biology, John B. Zachary, O.M.I., M.Sc., Registrar, St. Patrick's College, Elizabeth M. Buckley, B.A., Assistant Registrar.

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